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Patent Plug-ins



JP10328129A2: FLUORESCENT OBSERVING DEVICE

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Country: JP Japan

Kind:

Inventor(s): UENO HITOSHI
HIRAO ISAMI
TAKEHATA SAKAE
YOSHIHARA MASAYA
KANEKO MAMORU
MICHIGUCHI NOBUYUKI

Applicant(s): OLYMPUS OPTICAL CO LTD
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Application Number: JP1997000144255

IPC Class: A61B 1/00;

Abstract: **Problem to be solved:** To observe plural internal organs by a single device with small, light weight and inexpensive constitution by freely attaching and detaching a fluorescent detecting filter transmitting a specific wavelength band from fluorescence to exchange with an adapter with a filter with a wavelength characteristic optimum to the internal organs to be observed.

Solution: Two filters, etc., for switching illuminating lamp generated from a lamp 11 to observing light for observing in fluorescence or for observing in white light are arranged at a turret 12 and a filter switch control part 14 switches observing light guiding observing light to guide to a light guide 22 within a universal cord 21 extended from an endoscope to a filter for observing in white light or for observing in fluorescence. A motor 15 receives a signal from the part 14 to rotate-drive the turret 12 to arrange a prescribed filter on the optical axis of the lamp 11 to exchange the filter for an exciting light on the turret 12 with the filter for generating observing light of a wavelength characteristic optimum to the internal organs through the use of operable and closable door for attaching and detaching 17 corresponding to the arranging position of the turret 12.

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